```
-------------Allocating bitmap-------------
bitmap[0] = 0
bitmap[1] = 0
bitmap[2] = 0
bitmap[3] = 0
-------------------------------------------
(1)create 100 processes (2)exit
1
tid is 139702949586688
pid is 0, will sleep 10 seconds
tid is 139702941193984
pid is 1, will sleep 5 seconds
tid is 139702957979392
pid is 2, will sleep 10 seconds
tid is 139702932801280
pid is 3, will sleep 4 seconds
tid is 139702924408576
pid is 4, will sleep 3 seconds
tid is 139702916015872
pid is 5, will sleep 8 seconds
tid is 139702966372096
pid is 6, will sleep 5 seconds
tid is 139702907623168
pid is 7, will sleep 2 seconds
tid is 139702899230464
pid is 8, will sleep 3 seconds
tid is 139702890837760
pid is 9, will sleep 4 seconds
```

```
tid is 139702613878528
pid is 45, will sleep 4 seconds
tid is 139702605485824
pid is 46, will sleep 6 seconds
tid is 139702597093120
pid is 47, will sleep 5 seconds
tid is 139702588700416
pid is 48, will sleep 1 seconds
tid is 139702571915008
pid is 49, will sleep 3 seconds
tid is 139702563522304
pid is 50, will sleep 7 seconds
tid is 139702555129600
pid is 51, will sleep 1 seconds
tid is 139702546736896
pid is 52, will sleep 10 seconds
tid is 139702538344192
pid is 53, will sleep 3 seconds
tid is 139702529951488
pid is 54, will sleep 6 seconds
tid is 139702521558784
pid is 55, will sleep 7 seconds
tid is 139702991550208
pid is 56, will sleep 3 seconds
bitmap[0] = 18446744073709551615
bitmap[1] = 33554431
bitmap[2] = 0
bitmap[3] = 0
```

```
pid is 93, will sleep 2 seconds
tid is 139702236206848
pid is 81, will sleep 8 seconds
tid is 139702169065216
pid is 97, will sleep 2 seconds
tid is 139702320133888
pid is 89, will sleep 4 seconds
tid is 139702496380672
pid is 98, will sleep 9 seconds
tid is 139702504773376
pid is 99, will sleep 7 seconds
Release pid 19
Release pid 32
Release pid 48
Release pid 51
Release pid 64
Release pid 69
Release pid 7
Release pid 43
Release pid 28
Release pid 37
Release pid 84
Release pid 90
Release pid 95
Release pid 93
Release pid 97
Release pid 4
Release pid 8
Release pid 10
```

```
Release pid 16
Release pid 25
Release pid 42
Release pid 58
Release pid 62
Release pid 68
Release pid 76
Release pid 82
Release pid 92
Release pid 96
Release pid 79
Release pid 98
Release pid 0
Release pid 2
Release pid 11
Release pid 52
Release pid 57
Release pid 78
Release pid 91
bitmap[0] = 0
bitmap[1] = 0
bitmap[2] = 0
bitmap[3] = 0
------------------------------------------
(1)create 100 processes (2)exit
2
Exit this Process !
```